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For: EFFICIENT JOINT EQUALIZATION/DECODING METHOD  
AND APPARATUS FOR COMPLEMENTARY-CODE-KEYING  
BASED SYSTEMS

ABSTRACT OF DISCLOSURE

An efficient approach to generating the bias resulting during the joint  
equalization/decoding of a Complementary-Code-Keying (CCK) based system is  
5 provided that includes a bias generator system having a plurality of inputs responsive  
only to feedback filter coefficients, the bias generator generating, based upon said  
feedback filter coefficients, a plurality of output signals corresponding to the bias of a  
Fast Walsh Transform system for cancelling the bias.